Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of	)	
	)	
Amendment of Section 73.622(b) of	)	MM Docket No.
the Commission's Rules,	)	RM No.
DTV Table of Allotments	)	
(Atlantic City, New Jersey)	)	

To: The Chief, Allocations Branch

PETITION FOR RULEMAKING

Lenfest Broadcasting, LLC ("Lenfest"), by its attorneys and pursuant to Section 73.623 of the Commission's rules, 47 C.F.R. §73.623, hereby requests that the Commission institute a rulemaking proceeding for the purpose of amending the Table of Allotments for the digital television ("DTV") service to change the DTV channel allotment for station WWAC-DT, Atlantic City, New Jersey, from Channel 50 to Channel 44.[1] Lenfest also proposes that Channel 44 be allotted with a maximum effective radiated power of 200 kW using a directional antenna and an antenna height above average terrain of 208 meters.

As the attached engineering exhibit of du Treil, Lundin & Rackley, Inc. (the "Engineering Statement") indicates, the operation of WWAC-DT on Channel 44 will

[1] Lenfest is the licensee of television station WWAC-TV, Atlantic City, New Jersey, which currently operates on NTSC Channel 53.

allow the station to serve a much greater population than is possible with the existing Channel 50 allotment. The Channel 50 allotment serves a population of only 203,000 based on the FCC allotment data in Appendix B of the FCC's *Second Memorandum Opinion and Order On Reconsideration of the Fifth and Sixth Report and Orders*, 14 FCC Rcd 1348 (1998). The Channel 50 facility proposed in WWAC-DT's pending application for a digital television construction permit (FCC File No. BPCDT-19990604KF, as amended) would provide service to a population of 4,660,000. The operation of WWAC-DT on Channel 44, however, will serve a much larger population of 5,074,000. Moreover, WWAC-DT's operation on Channel 44 will eliminate the potential for interference to and from the first-adjacent DTV allotment on Channel 49 at Atlantic City, New Jersey.

As the attached Engineering Statement demonstrates, the proposed allotment fully complies with the Commission's technical requirements, including criteria for interference protection for both NTSC and DTV services. The Engineering Statement also shows that the proposed Channel 44 allotment will not have any adverse interference effects on any low power or Class A television station.

Accordingly, Lenfest respectfully requests that the Commission expeditiously commence a rulemaking proceeding to amend the DTV Table of Allotments to allot and assign DTV channel 44 to Atlantic City, New Jersey (in lieu of Channel 50) for use by WWAC-DT.

Respectfully submitted,

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Its Attorneys

July 24, 2000

ENGINEERING EXHIBIT
IN SUPPORT OF PETITION FOR RULE MAKING
TELEVISION STATION WWAC-DT
ATLANTIC CITY, NEW JERSEY

July 18, 2000

ENGINEERING EXHIBIT
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ENGINEERING EXHIBIT
IN SUPPORT OF PETITION FOR RULE MAKING
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Engineering Statement

This Engineering Exhibit was prepared on behalf of television broadcast station WWAC-TV, Atlantic City, New Jersey, in support of a petition for rule making. WWAC-TV is licensed for analog TV operation on Channel 53. WWAC-TV is paired with a transitional DTV channel allotment on Channel 50. WWAC-TV was allotted Channel 50 with a maximum effective radiated power (ERP) of 50 kW using a directional antenna and an antenna height above average terrain (HAAT) of 85 m. The purpose of this petition is to propose Channel 44 in lieu of Channel 50 for WWAC-TV's DTV transitional channel.

The petitioner proposes that Channel 44 be allotted with a maximum ERP of 200 kW using a directional antenna and antenna HAAT of 208 m. (This is based on an antenna radiation center height above mean sea level of 239 m.) The attached Figure 2 describes the proposed azimuthal plane pattern envelope. The geographic coordinates for the proposed Channel 44 allotment would be the same as proposed in WWAC-DT's pending application for construction permit.* The proposed allotment site is located 56.0 km west-northwest of the licensed WWAC-TV transmitter site location.

A detailed allocation study using an implementation of the FCC OET Bulletin No. 69 interference analysis procedure was prepared for the proposed

* Coordinates: 39-35-06N / 075-02-44W based on NAD27 (See BPCDT- 19990604KF, as amended).

Channel 44 allotment.[†] As detailed in Figure 1, the proposed Channel 44 allotment meets the *de minimis* 2%/10% interference procedures outlined in the FCC's DTV Processing Guidelines[‡] that is applied in evaluating requests for modification of initial DTV allotments under Section 73.623(c)(2) of the FCC Rules. Also, the proposal is not within the Canadian or Mexican border area.

The proposed facility will not cause predicted interference to any Class A low-power television facilities that have filed for such designation. Furthermore, the proposed facility will not cause predicted interference to any other low power television facilities based on the FCC OET-69 procedure, with the exception of W54CZ, Morristown-NJ (Channel 44). The predicted interference to W54CZ on Channel 44 would not exceed 0.41% of the population baseline for W54CZ. Also, W54CZ has a CP to migrate to Channel 54 and an application pending to migrate to Channel 22. Therefore, it is concluded that the proposed allotment will have no adverse interference effects on any low power television or Class A television facilities.

The proposed Channel 44 allotment will allow for greater service than is possible on the existing WWAC-DT Channel 50 allotment. The existing Channel 50 allotment serves a population of 203,000 based on the FCC allotment data in the Appendix B of the FCC's *Second Memorandum Opinion and Order* on reconsideration of the *Sixth Report and Order*. The proposed Channel 50 application facility (FCC File No. BPCDT-19990604KF, as amended) will provide noise-limited interference-free service to a population of 4,660,000. The proposed facility on Channel 44 will serve a noise-limited interference-free population of 5,074,000. Furthermore, the potential for

[†] The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 1 km was employed. An Alpha based processor computer system was employed. The results have been found to be in very close agreement with the results of the FCC implementation of OET Bulletin No. 69. It is requested that the Commission employ 1 km grid resolution in any interference studies it may conduct with respect to this proposal.

interference to and from the first-adjacent DTV allotment on Channel 49 at Atlantic City will be eliminated.

As illustrated in Figure 3, the proposed Channel 44 facility will provide full replication of the existing WWAC-TV Grade B service area. Also the proposed 41 dBu noise-limited contour will fully encompass the city limits of Atlantic City.

A summary of the revised service area and population numbers as they would appear in the Appendix B of the FCC's *Sixth Report and Order* and subsequent *Second Memorandum Opinion and Order* are summarized below:

State and City	NTSC Channel	DTV Chan	DTV Power (kW)	Antenna HAAT (m)	DTV Service During Transition	
					Area (sq. km)	People (Thous)
NJ ATLANTIC CITY	53	44	200	208.0[§]	13,798	5,074

It is evident from the above that the proposed Channel 44 allotment proposal would result in a preferential arrangement of FCC allotments.

Louis Robert du Treil, Jr., P.E.

July 18, 2000

[‡] See FCC *Public Notice*, "Additional Application Processing Guidelines for Digital Television (DTV)", Released: August 10, 1998.
[§] This is based on a radiation center height above mean sea level of 239 m.

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Summary of Allocation Analysis for Channel 44

Facility	Ch.	TV or DTV?	Baseline Service Population (1990)	Permissible IX (%)	Total IX Caused by Proposed (1990)	Net New IX Caused by Proposed (1990)	Percent of Baseline (%)
Stations with total interference population caused equal to zero							
WTXF-TV, Philadelphia-PA BLCT-2289	29	TV	--	--	--	0	0.00
WLVT-TV, Allentown-PA BLET-429	39	TV	--	--	--	0	0.00
WPMT(TV), York-PA BPCT-19960724	43	TV	--	--	--	0	0.00
WPXW-DT, Manassas-VA BPCDT-19991101	43	DT	--	--	--	0	0.00
WPXW-DT, Manassas-VA DTV Allotment	43	DT	--	--	--	0	0.00
WCVW-DT, Richmond-VA BPEDT-20000501	44	DT	--	--	--	0	0.00
WCVW-DT, Richmond-VA DTV Allotment	44	DT	--	--	--	0	0.00

Facility	Ch.	TV or DTV?	Baseline Service Population (1990)	Permissible IX (%)	Total IX Caused by Proposed (1990)	Net New IX Caused by Proposed (1990)	Percent of Baseline (%)
WNYS-DT, Syracuse-NY BPCDT-19991027	44	DT	--	--	--	0	0.00
WNYS-DT, Syracuse-NY DTV Allotment	44	DT	--	--	--	0	0.00
WBFF(TV), Baltimore-MD BLCT-19890526	45	TV	--	--	--	0	0.00
WABC-DT, New York-NY DTV Allotment	45	DT	--	--	--	0	0.00
WOLF-TV, Hazleton-PA DTV Rule Making	45	DT	--	--	--	0	0.00
WMDT(TV), Salisbury-MD BLCT-19910607	47	TV	--	--	--	0	0.00
WGTW(TV), Burlington-NJ BLCT019920821	48	TV	--	--	--	0	0.00
WTVE(TV), Reading-PA BMPCT-19940811	51	TV	--	--	--	0	0.00
WTVE(TV), Reading-PA BLCT-19800521	51	TV	--	--	--	0	0.00
WNJT(TV), Trenton-NJ BLET-19850913	52	TV	--	--	--	0	0.00
Stations with total interference population caused less than the 2%/10% de minimis requirement							
WMGM-TV, Wildwood-NJ BLCT-19900515	40	TV	448,073	2.0	2,304	<=2,304	<=0.51
WNJT-DT, Trenton-NJ DTV Allotment	43	DT	7,778,000	2.0	43,036	<=43,036	<=0.55

Figure 1
Sheet 2 of 3

Facility	Ch.	TV or DTV?	Baseline Service Population (1990)	Permissible IX (%)	Total IX Caused by Proposed (1990)	Net New IX Caused by Proposed (1990)	Percent of Baseline (%)
WVIA-TV, Scranton-PA BLET-19830929	44	TV	1,682,329	2.0	26,835	<=26,835	<=1.60
Stations with total interference population caused greater than the 2%/10% de minimis requirement; but net interference population less than the 2%/10% de minimis requirement							
WPMT(TV), York-PA BLCT-19840905	43	TV	3,732,682	0.0	4,229	0	0.00
WNYW-DT, New York-NY BLCDT-19990826	44	DT	17,168,422	2.0	487,637	203,209	1.18
WNYW-DT, New York-NY BPCDT-19990402KI	44	DT	17,734,925	2.0	561,379	250,098	1.41
WNYW-DT, New York-NY DTV Allotment	44	DT	17,949,000	2.0	457,679	195,464	1.09
WWPB-DT, Hagerstown-MD BPEDT-20000501	44	DT	735,620	2.0	29,995	1,007	0.14
WWPB-DT, Hagerstown-MD DTV Allotment	44	DT	769,000	2.0	16,352	2,137	0.28

Figure 1
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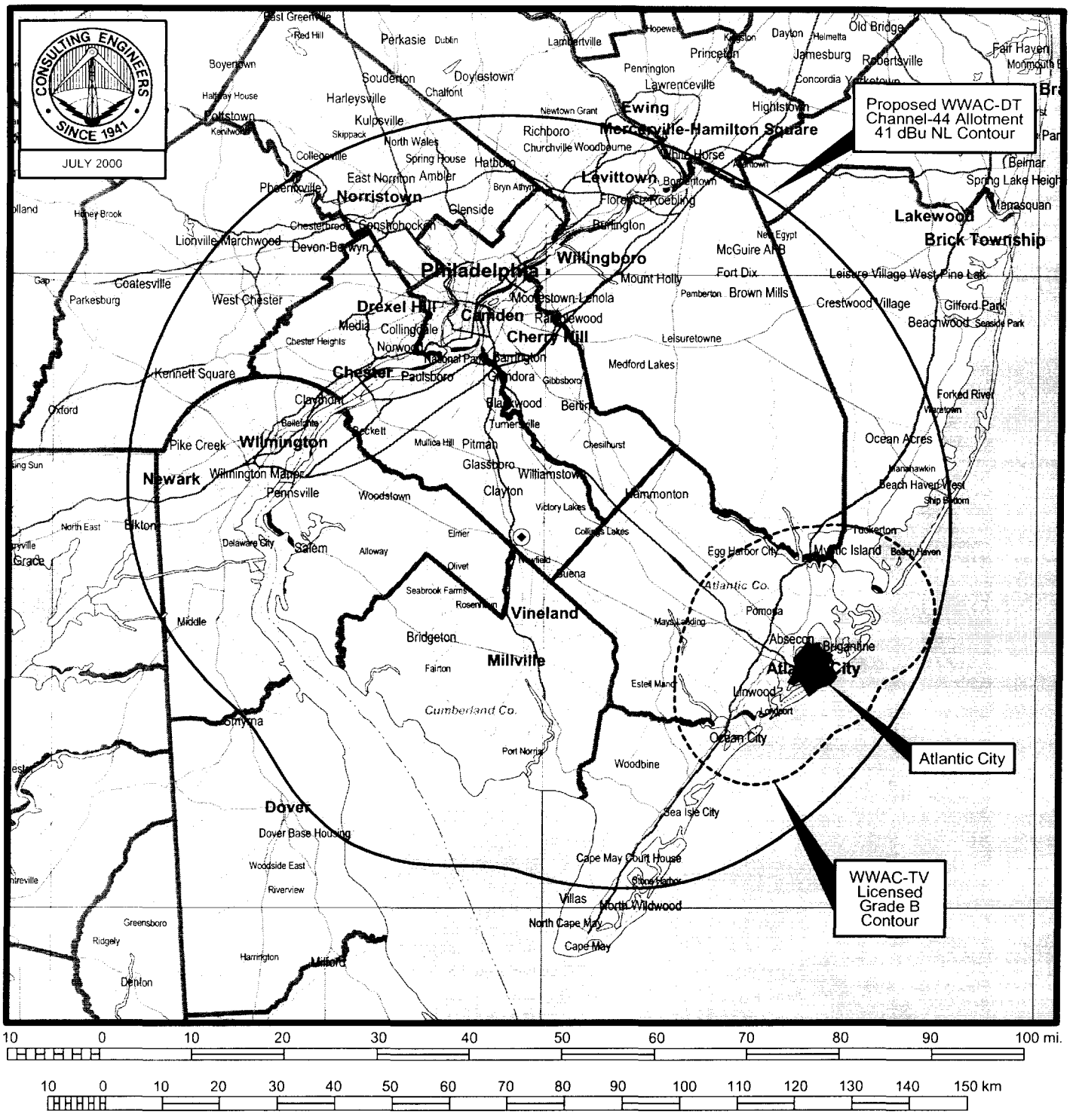
Tabulation of Proposed Azimuthal
Plane Relative Field Pattern Envelope

Azimuth (deg.True)	Relative Field	Azimuth (deg.True)	Relative Field
0	0.944	180	0.197
10	0.918	190	0.184
20	0.901	200	0.226
30	0.895	210	0.257
40	0.908	220	0.227
50	0.921	230	0.183
60	0.942	240	0.194
70	0.974	250	0.278
80	0.995	260	0.393
90	0.985	270	0.502
100	0.940	280	0.599
110	0.865	290	0.688
120	0.775	300	0.778
130	0.684	310	0.873
140	0.593	320	0.951
150	0.497	330	0.993
160	0.392	340	0.998
170	0.280	350	0.976
Extra Bearings			
337	1.000		



PROPOSED GRADE B SERVICE REPLICATION AND PRINCIPAL COMMUNITY COVERAGE

du Treil, Lundin & Rackley, Inc. Sarasota, Florida